

ARCOS - Market Share Analysis.xlsx

DEFENDANT
EXHIBIT

WAG-MDL-02561

Non-Defendants' Buyer Market Share for McCann's Adjusted ARCOS, by County (2006 - 2014)										
			All 14 ARCOS Drugs			Oxycodone and Hydrocodone				
Group	County	Number of Stores	Dosage Units	% of Total D.U.	MME (gm)	% of Total MME	Dosage Units	% of Total D.U.	MME (gm)	% of Total MME
Non-Defendants	Lake	180	54,166,843	53.7%	922,384	56.2%	45,273,769	53.5%	387,436	54.4%
Non-Defendants	Trumbull	184	98,118,499	74.8%	2,062,855	80.9%	86,432,158	74.4%	1,077,081	79.5%

Non-Defendants' Buyer Market Share for McCann's Adjusted ARCOS (2006 - 2014)									
			All 14 ARCOS Drugs			Oxycodone and Hydrocodone			
Group	Number of Stores	Dosage Units	% of Total D.U.	MME (gm)	% of Total MME	Dosage Units	% of Total D.U.	MME (gm)	% of Total MME
Non-Defendants	364	152,285,342	65.6%	2,985,239	71.2%	131,705,927	65.6%	1,464,518	70.8%

Non-Defendants' Buyer Market Share for McCann's Adjusted ARCOS, by County (2006 - 2014)									
			12 ARCOS Drugs ³						
Group	County	Number of Stores	Dosage Units	% of Total D.U.	MME (gm)	% of Total MME			
Non-Defendants	Lake	169	51,083,181	53.7%	698,541	57.8%			
Non-Defendants	Trumbull	182	93,431,350	74.5%	1,570,522	80.7%			

Non-Defendants' Buyer Market Share for McCann's Adjusted ARCOS (2006 - 2014)									
			12 ARCOS Drugs ³						
Group	Number of Stores	Dosage Units	% of Total D.U.	MME (gm)	% of Total MME				
Non-Defendants	351	144,514,531	65.5%	2,269,063	71.9%				

[1] Source: McCann's adjusted ARCOS data (2006 - 2014); provided at CT3 Production 4.16.2012 - 2\Data Comparison\input\processed ARCOS\CT3_Procesed.csv

[2] Use of McCann's adjusted ARCOS data does not reflect acceptance of adjustments or calculations

[3] The following 12 drugs are included: morphine, oxymorphone, oxycodone, hydrocodone, fentanyl, hydromorphone, codeine, powdered opium, meperidine, dihydrocodeine, levorphanol and tapentadol.

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Walgreens' Market Share for McCann's Adjusted ARCOS, by County (2006 - 2014)									
Group	County	Number of Stores	All 14 ARCOS Drugs			Oxycodone and Hydrocodone			
			Dosage Units	% of Total D.U.	MME (gm)	% of Total MME	Dosage Units	% of Total D.U.	
Walgreens	Lake	7	19,353,951	19.2%	310,793	19.0%	15,783,050	18.6%	136,722 19.2%
Walgreens	Trumbull	6	17,874,867	13.6%	334,419	13.1%	15,621,760	13.4%	174,454 12.87%

Walgreens' Market Share for McCann's Adjusted ARCOS (2006 - 2014)									
Group	County	Number of Stores	All 14 ARCOS Drugs			Oxycodone and Hydrocodone			
			Dosage Units	% of Total D.U.	MME (gm)	% of Total MME	Dosage Units	% of Total D.U.	
Walgreens		13	37,228,818	16.0%	645,211	15.4%	31,404,810	15.6%	311,176 15.0%

Walgreens' Market Share for McCann's Adjusted ARCOS, by County (2006 - 2014)									
Group	County	Number of Stores	12 ARCOS Drugs ³						
			Dosage Units	% of Total D.U.	MME (gm)	% of Total MME	Dosage Units	% of Total D.U.	
Walgreens	Lake	7	18,048,385	19.0%	220,317	18.2%			
Walgreens	Trumbull	6	16,925,571	13.5%	238,653	12.3%			

Walgreens' Market Share for McCann's Adjusted ARCOS (2006 - 2014)									
Group	County	Number of Stores	12 ARCOS Drugs ³						
			Dosage Units	% of Total D.U.	MME (gm)	% of Total MME	Dosage Units	% of Total D.U.	
Walgreens		13	34,973,956	15.9%	458,970	14.5%			

[1] Source: McCann's adjusted ARCOS data (2006 - 2014); provided at CT3 Production 4.16.2012 - 2\Data Comparison\input\processed ARCOS\CT3_Procesed.csv

[2] Use of McCann's adjusted ARCOS data does not reflect acceptance of adjustments or calculations

[3] The following 12 drugs are included: morphine, oxymorphone, oxycodone, hydrocodone, fentanyl, hydromorphone, codeine, powdered opium, meperidine, dihydrocodeine, levorphanol and tapentadol.

Buyer County	Buyer DEA No	Pharmacy, Clinic, Hospital Location	Buyer Name	Buyer Bus Act	Buyer Address 1	Buyer City	Min Txn Date	Max Txn Date	Non Def	Total ARCOS Dosage Units	% of Total ARCOS Dosage Units	Total ARCOS MME	% of Total ARCOS MME	Total Oxycodeine and Hydrocodone Dosage Units	% of Oxycodeine and Hydrocodone Dosage Units	Total Oxycodeine and Hydrocodone MME	% of Total Oxycodeine and Hydrocodone MME	Total ARCOS Dosage Units (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs Dosage Units	Total ARCOS MME (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs MME
TRUMBULL	AF2953657	v	FRANKLIN PHARM & HEALTH CARE	RETAIL PHARMACY	1732 YOUNGSTOWN RD	WARREN	1/3/2006	12/31/2014	Non-Def	10,592,269	8.1%	330,357	13.0%	8,715,640	7.5%	183,293	13.5%	9,555,527	7.6%	241,341.83	12.40%
TRUMBULL	BP2611487		OVERHOLTS CHAMPION PHARM, INC	RETAIL PHARMACY	4619 MAHONING AVE N.W.	WARREN	1/3/2006	1/26/2010	Non-Def	7,546,631	5.8%	293,150	11.5%	6,179,480	5.3%	140,566	10.4%	6,532,761	5.21%	176,460.52	9.06%
TRUMBULL	FO1750428	y	BELLEVUE MEDICINE SHOPPE INC	RETAIL PHARMACY	4619 MAHONING AVE. N.W.	WARREN	1/6/2010	1/2/2014	Non-Def	5,679,055	4.3%	149,959	5.9%	5,028,280	4.3%	84,707	6.2%	5,242,921	4.18%	101,941.66	5.24%
TRUMBULL	AR9115800	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	147 WEST LIBERTY STREET	HUBBARD	1/3/2006	12/30/2014	Non-Def	3,774,971	2.9%	111,782	4.4%	3,233,070	2.8%	66,436	4.9%	3,597,233	2.87%	88,658.23	4.55%
TRUMBULL	BR6483503	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	2840 YOUNGSTOWN ROAD SE	WARREN	1/3/2006	12/30/2014	Non-Def	3,580,021	2.7%	65,096	2.6%	3,275,980	2.8%	43,433	3.2%	3,481,455	2.78%	56,171.61	2.88%
TRUMBULL	AT7583318	y	TROUTMAN DRUG COMPANY	RETAIL PHARMACY	501 ROBBINS AVENUE	NILES	1/3/2006	12/31/2014	Non-Def	3,255,912	2.5%	72,010	2.8%	2,705,180	2.3%	30,423	2.2%	3,031,128	2.42%	49,640.54	2.55%
TRUMBULL	BW6665511	y	WALGREEN CO.	CHAIN PHARMACY	804 WEST MARKET STREET	WARREN	1/4/2006	12/31/2014	Walgreens	5,270,782	4.0%	58,100	2.3%	4,882,050	4.2%	37,511	2.8%	5,203,040	4.15%	47,831.95	2.46%
TRUMBULL	BW7893058	y	WALGREEN CO.	CHAIN PHARMACY	502 YOUNGSTOWN-WARREN RD	NILES	1/3/2006	12/31/2014	Walgreens	3,431,690	2.6%	70,427	2.8%	2,969,910	2.6%	31,976	2.4%	3,244,570	2.5%	47,556.25	2.44%
TRUMBULL	BW8939758	y	WALGREEN CO.	CHAIN PHARMACY	3390 ELM RD NE	WARREN	1/4/2006	12/31/2014	Walgreens	3,350,615	2.6%	70,659	2.8%	2,862,960	2.5%	34,856	2.6%	3,074,735	2.45%	45,638.42	2.34%
TRUMBULL	AG1298365	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	2154 ELM ROAD NE	WARREN	1/3/2006	12/30/2014	Non-Def	2,986,215	2.3%	53,872	2.1%	2,654,450	2.3%	32,608	2.4%	2,844,971	2.27%	44,648.23	2.29%
TRUMBULL	BG28191693	y	GIANT EAGLE PHARMACY #1405	CHAIN PHARMACY	48 VIENNA AVENUE	NILES	1/3/2006	12/31/2014	Non-Def	5,099,744	3.9%	57,812	2.3%	4,659,310	4.0%	30,873	2.3%	4,978,420	3.97%	44,577.21	2.29%
TRUMBULL	BW0714964	y	GIANT EAGLE PHARMACY #4002	CHAIN PHARMACY	4700 BELMONT AVE	YOUNGSTOWN	1/3/2006	12/31/2014	Non-Def	3,780,306	2.9%	48,236	1.9%	3,482,540	3.0%	31,027	2.3%	3,753,840	2.99%	43,547.85	2.24%
TRUMBULL	BR1869063	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	5001 MAHONING AVENUE	WARREN	1/3/2006	12/31/2014	Non-Def	3,423,121	2.6%	51,720	2.0%	3,085,700	2.7%	27,947	2.1%	3,330,685	2.66%	41,467.73	2.13%
TRUMBULL	BA2452504	y	ALLEN'S PHARMASERV	RETAIL PHARMACY	520 GYPSY LANE	YOUNGSTOWN	1/3/2006	12/31/2014	Non-Def	945,040	0.7%	53,477	2.1%	512,860	0.4%	7,777	0.6%	802,156	0.64%	40,565.93	0.28%
TRUMBULL	BR1868972	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	569 SOUTH HIGH STREET	CORTLAND	1/3/2006	12/31/2014	Non-Def	3,191,452	2.4%	43,910	1.7%	2,945,220	2.5%	24,851	1.8%	3,168,862	2.53%	40,110.69	2.06%
TRUMBULL	FW0048276	y	WALGREEN CO.	CHAIN PHARMACY	15 S MAIN ST	HUBBARD	11/10/2006	12/30/2014	Walgreens	1,598,357	1.2%	48,226	1.9%	1,383,420	1.2%	30,532	2.3%	1,522,221	1.21%	39,043.33	2.31%
TRUMBULL	BT13141974	y	TRUMBULL-MAHONING MED GRP INC	RETAIL PHARMACY	2704 BELMONT AVENUE	YOUNGSTOWN	1/3/2006	12/30/2014	Non-Def	2,452,742	1.9%	37,718	1.5%	2,184,200	1.9%	23,963	1.8%	2,451,998	1.96%	37,663.61	1.93%
TRUMBULL	BW4790497	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	3933 PARKMAN ROAD NW	WARREN	1/4/2006	12/30/2014	Non-Def	2,350,823	1.8%	47,538	1.9%	2,063,320	1.8%	24,769	1.8%	2,283,105	1.82%	37,123.51	1.91%
TRUMBULL	AR2963759	y	OHIO CVS STORES, LLC	CHAIN PHARMACY	2700 MAHONING AVE N.W.	WARREN	1/3/2006	12/30/2014	Non-Def	4,035,212	3.1%	37,319	1.5%	3,737,840	3.2%	25,857	1.9%	4,022,192	3.21%	36,423.91	1.87%
TRUMBULL	BG1090012	y	GIANT EAGLE PHARMACY #4056	CHAIN PHARMACY	2700 MAHONING AVE N.W.	WARREN	1/3/2006	12/30/2014	Non-Def	2,204,331	1.7%	48,462	1.9%	1,948,620	1.7%	28,687	2.1%	2,073,261	1.65%	36,272.48	1.86%
TRUMBULL	BB3245481		BRINE PHARMACY	RETAIL PHARMACY	906 N. STATE STREET	GIRARD	1/2/2006	11/1/2010	Non-Def	1,761,640	1.3%	47,175	1.8%	1,436,500	1.2%	22,002	1.6%	1,587,410	1.27%	34,988.12	1.80%
TRUMBULL	FN0058858	y	NEWTON FALLS PHARMACY, INC.	RETAIL PHARMACY	37 RIDGE RD	NEWTON FALLS	11/8/2007	12/31/2014	Non-Def	-	-	-	-	-	-	-	-	-	-	-	-
TRUMBULL	BW4808462	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	325 WEST BROAD STREET	NEWTON FALLS	1/4/2006	12/31/2014	Non-Def	2,998,388	2.3%	40,628	1.6%	2,733,540	2.4%	24,122	1.8%	2,931,986	2.34%	33,253.02	1.71%
TRUMBULL	FW0669715	y	WALGREEN CO.	CHAIN PHARMACY	600 S. MECCA ST.	CORTLAND	3/13/2008	12/29/2014	Walgreens	1,876,729	1.4%	37,182	1.5%	1,591,660	1.4%	19,426	1.4%	1,763,185	1.41%	30,495.87	1.57%
TRUMBULL	BR5183784	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	4205 EAST MARKET STREET	WARREN	1/4/2006	12/31/2014	Non-Def	1,952,581	1.5%	39,987	1.6%	1,762,220	1.5%	19,750	1.5%	1,873,699	1.49%	29,710.46	1.53%
TRUMBULL	BG0519718	y	GIANT EAGLE PHARMACY #4051	CHAIN PHARMACY	8020 E MARKET ST	WARREN	1/3/2006	12/31/2014	Non-Def	2,793,728	2.1%	33,219	1.3%	2,610,940	2.2%	20,555	1.5%	2,769,120	2.21%	28,645.93	1.47%
TRUMBULL	BW1F0161872	y	WALGREEN CO.	CHAIN PHARMACY	2249 YOUNGSTOWN WARREN RD	NILES	3/13/2007	12/31/2014	Walgreens	2,346,694	1.8%	49,825	2.0%	1,931,760	1.7%	20,153	1.5%	2,117,820	1.69%	28,087.59	1.44%
TRUMBULL	AG2914302	y	RITE AID OF OHIO, INC.	CHAIN PHARMACY	1560 PARKMAN ROAD NW	WARREN	1/5/2006	12/31/2014	Non-Def	2,141,325	1.6%	29,493	1.2%	1,999,940	1.7%	20,470	1.5%	2,112,415	1.68%	27,465.25	1.41%
TRUMBULL	BV0047452	y	VIENNA PHARMACY CARE LLC	RETAIL PHARMACY	347 YOUNGSTOWN KINGSVILLE RD	VIENNA	1/12/2007	12/30/2014	Non-Def	1,444,729	1.1%	31,603	1.2%	1,291,700	1.1%	17,195	1.3%	1,393,007	1.11%	24,894.86	1.28%
TRUMBULL	BR4211594	y	OHIO CVS STORES, LLC	CHAIN PHARMACY	620 E MARKET ST	WARREN	1/6/2006	12/31/2014	Non-Def	3,281,498	2.5%	24,630	1.0%	3,118,670	2.7%	21,607	1.6%	3,281,290	2.6%	24,553.32	1.26%
TRUMBULL	BG4676245	y	GIANT EAGLE PHARMACY #1435	CHAIN PHARMACY	7229 SHARON-WARREN ROAD	BROOKFIELD	1/3/2006	12/31/2014	Non-Def	2,275,689	1.7%	34,018	0.9%	2,104,160	1.8%	2,274,737	1.81%	23,771.90	1.22%		
TRUMBULL	AR2608098	y	OHIO CVS STORES, LLC	CHAIN PHARMACY	134 YOUNGSTOWN HUBBARD RD.	HUBBARD	1/4/2006	12/30/2014	Non-Def	1,910,985	1.5%	23,139	0.9%	1,699,260	1.5%	15,342	1.1%	1,879,875	1.50%	21,640.75	1.11%
TRUMBULL	BG4325634	y	GIANT EAGLE PHARMACY #1419	CHAIN PHARMACY	2061 ELM ROAD	WARREN	1/3/2006	12/30/2014	Non-Def	2,714,716	2.1%	28,362	1.2%	2,517,800	2.2%	15,773	1.2%	2,665,042	2.13%	21,397.74	1.10%
TRUMBULL	BR0503096	y	RX INSTITUTIONAL SERVICES, LLC	RETAIL PHARMACY	3379 MAIN ST, SUITE A	MINERAL RIDGE	11/11/2007	12/31/2014	Non-Def	1,042,811	0.8%	889,960	0.8%	6,139	0.5%	1,004,995	0.80%	20,322.69	1.04%		
TRUMBULL	FT2998861	y	TADMAR, INC	RETAIL PHARMACY	906 N STATE ST	GIRARD	1/12/2010	12/30/2014	Non-Def	1,663,707	1.3%	40,243	1.6%	1,458,920	1.3%	16,375	1.2%	1,530,815	1.22%	19,133.05	0.98%
TRUMBULL	BS4791047	y	ST. JOSEPH WARREN HOSPITAL	HOSPITAL/CLINIC	ATTN: PHARMACY DEPARTMENT	WARREN	1/3/2006	12/31/2014	Non-Def	968,279	0.7%	19,316	0.8%	870,860	0.7%	7,888	0.6%	954,699	0.76%	18,213.64	0.94%
TRUMBULL	BS8928129	y	SAMS PHARMACY 10-6327	CHAIN PHARMACY	1040 NILETS COURTLAND RD SE	WARREN	1/2/2006	12/31/2014	Non-Def	1,383,382	1.1%	17,581	0.7%	1,290,300	1.1%	11,794	0.9%	1,375,976	1.10%	16,866.48	0.87%
TRUMBULL	BH15081978	y	MERCY HEALTH HOME INFUSION - YOUNGSTOWN	RETAIL PHARMACY	979 TIBBETTS-WICK ROAD	GIRARD	2/6/2006	12/18/2014	Non-Def	-	0.0%	16,864	0.7%	-	0.0%	61	0.0%	-	0.00%	16,528.20	0.85%
TRUMBULL	AK8733861	y	K MART PHARMACY	CHAIN PHARMACY	2100 NILETS CORTLAND RD	WARREN	1/3/2006	12/31/2014	Non-Def	1,181,343	0.9%	16,938	0.7%	1,086,320	0.9%	9,914	0.7%	1,167,335	0.93%	15,349.57	0.79%
TRUMBULL	AC2299320	y	MAIN DISCOUNT DRUG	RETAIL PHARMACY	8507 MAIN ST.	KINSMAN	1/3/2006	12/31/2014	Non-Def	1,191,780	0.9%										

Buyer County	Buyer DEA No	Pharmacy, Clinic, Hospital Location	Buyer Name	Buyer Bus Act	Buyer Address 1	Buyer City	Min Txn Date	Max Txn Date	Non Def	Total ARCOS Dosage Units	% of Total ARCOS Dosage Units	Total ARCOS MME	% of Total ARCOS MME	Total Oxycodeine and Hydrocodone Dosage Units	% of Oxycodeine and Hydrocodone ARCOS Dosage MME	Total Oxycodeine and Hydrocodone MME	% of Total Oxycodeine and Hydrocodone Drugs Units	Total ARCOS Dosage Units (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs Dosage Units	Total ARCOS MME (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs MME
TRUMBULL	FM1236721	v	MAHONING VALLEY HOSPITAL- TRUMBULL CAMPUS	HOSPITAL/CLINIC	1350 E. MARKET STREET	WARREN	2/23/2009	6/28/2010	Non-Def	5,530	0.0%	165	0.0%	5,000	0.0%	30	0.0%	5,530	0.00%	164.86	0.01%
TRUMBULL	AM6385290		MILLIGAN, JAMES ALAN DVM	PRACTITIONER	MEDVET MAHONING VALLEY	GIRARD	1/16/2006	12/8/2014	Non-Def	385	0.0%	153	0.0%	200	0.0%	1	0.0%	385	0.00%	129.25	0.01%
TRUMBULL	FL060090	y	LIPPY SURGERY CENTER LLC	HOSPITAL/CLINIC	3893 E MARKET STREET	WARREN	1/28/2008	1/23/2014	Non-Def	900	0.0%	121	0.0%	700	0.0%	2	0.0%	900	0.00%	120.61	0.01%
TRUMBULL	BK9417090		KILAR, KELLEY	PRACTITIONER	380 STATE RTE 7 SE	BROOKFIELD	6/30/2010	11/5/2014	Non-Def	200	0.0%	127	0.0%	100	0.0%	0	0.0%	200	0.00%	114.09	0.01%
TRUMBULL	FQ325895	y	GENOA HEALTHCARE, LLC	CHAIN PHARMACY	1977 NILES ROAD S.E.	WARREN	10/22/2012	1/22/2014	Non-Def	22,260	0.0%	998	0.0%	13,800	0.0%	78	0.0%	17,820	0.01%	108.45	0.01%
TRUMBULL	BS5246221		SURGERY CENTER, HOWLAND LTD	HOSPITAL/CLINIC	1934 NILES-CORTLAND RD NE	WARREN	1/6/2006	8/31/2007	Non-Def	850	0.0%	74	0.0%	750	0.0%	3	0.0%	850	0.00%	74.12	0.00%
TRUMBULL	BM6212194		MCCAIN, JEFFREY RICHARD DMD	PRACTITIONER	8893 EAST MARKET STREET	WARREN	1/17/2006	8/5/2014	Non-Def	846	0.0%	57	0.0%	630	0.0%	2	0.0%	846	0.00%	56.62	0.00%
TRUMBULL	BM1001522		MOXLEY, CHARLES T DVM	PRACTITIONER	TOWN & COUNTRY VETERINARY HOS	WARREN	1/6/2006	12/2/2014	Non-Def	9,000	0.0%	112	0.0%	9,000	0.0%	27	0.0%	9,000	0.01%	51.83	0.00%
TRUMBULL	BM9295862	v	MEDESMART PHARMACY	RETAIL PHARMACY	8044 E MARKET ST	WARREN	1/6/2006	1/6/2006	Non-Def	710	0.0%	78	0.0%	300	0.0%	32	0.0%	410	0.00%	42.18	0.00%
TRUMBULL	BG4438063		GRECO, MICHELE DVM	PRACTITIONER	NILES VETERINARY CLINIC	NILES	7/31/2006	12/8/2014	Non-Def	40	0.0%	56	0.0%	-	0.0%	-	0.0%	40	0.00%	35.25	0.00%
TRUMBULL	AC2930356		CARANO, JOSEPH ANTHONY DO	PRACTITIONER	192 WASHINGTON AVE NW	WARREN	11/7/2006	3/2/2010	Non-Def	7,360	0.0%	32	0.0%	7,000	0.0%	32	0.0%	7,360	0.01%	31.78	0.00%
TRUMBULL	AW2733409		WITTENAUER, MARYLOU K DVM	PRACTITIONER	BELMONT VETERINARY CLINIC	YOUNGSTOWN	1/19/2006	11/3/2014	Non-Def	55	0.0%	87	0.0%	-	0.0%	1	0.0%	55	0.00%	17.89	0.00%
TRUMBULL	BP4462519		PHILBIN, TERRY BERNARD DDS,MS	PRACTITIONER	405 NILES CORTLAND ROAD SE	WARREN	2/2/2006	6/6/2014	Non-Def	-	0.0%	18	0.0%	-	0.0%	-	0.0%	-	0.00%	17.73	0.00%
TRUMBULL	BS8653708	y	MERCY HEALTH - WARREN OUTPATIENT PHARMACY	RETAIL PHARMACY	CENTRAL PHARMACY	WARREN	6/27/2012	7/19/2012	Non-Def	3,700	0.0%	17	0.0%	3,400	0.0%	16	0.0%	3,700	0.00%	16.73	0.00%
TRUMBULL	FK2437855		KNOTT, ALAN T	PRACTITIONER	4680 MAHONING AVENUE	WARREN	4/15/2011	1/22/2014	Non-Def	200	0.0%	44	0.0%	200	0.0%	5	0.0%	200	0.00%	14.97	0.00%
TRUMBULL	BS0539190		SUNG, CHARLES HUAN DVM	PRACTITIONER	47 HALL AVENUE	HUBBARD	2/28/2006	10/28/2014	Non-Def	1,510	0.0%	18	0.0%	1,500	0.0%	5	0.0%	1,510	0.00%	12.90	0.00%
TRUMBULL	AS7682152		SCHIEBER, ROBERT E DDS	PRACTITIONER	2000 E MARKET STREET	WARREN	4/6/2006	12/9/2013	Non-Def	1,200	0.0%	12	0.0%	1,200	0.0%	4	0.0%	1,200	0.00%	12.49	0.00%
TRUMBULL	BI1364720		HANNA, SHERIF I MD	PRACTITIONER	3020 BELMONT AVE	YOUNGSTOWN	8/21/2012	1/10/2014	Non-Def	-	0.0%	12	0.0%	-	0.0%	-	0.0%	-	0.00%	11.75	0.00%
TRUMBULL	BM7938686	y	MILL CREEK ORAL & MAXILMANDENTAL	HOSPITAL/CLINIC	5100 BELMONT AVE	LIBERTY TOWNSH	4/11/2006	10/6/2009	Non-Def	-	0.0%	12	0.0%	-	0.0%	-	0.0%	-	0.00%	11.63	0.00%
TRUMBULL	BS6694384		SINGH, SUKHBIR DVM	PRACTITIONER	ANIMAL MEDICAL CARE CENTER	NILES	3/8/2006	5/5/2014	Non-Def	3,200	0.0%	10	0.0%	3,100	0.0%	9	0.0%	3,200	0.00%	10.20	0.00%
TRUMBULL	BP1456626		PAPP, RICHARD F DVM	PRACTITIONER	4680 MAHONING AVENUE	WARREN	4/28/2006	3/31/2008	Non-Def	-	0.0%	9	0.0%	-	0.0%	-	0.0%	-	0.00%	9.02	0.00%
TRUMBULL	AS2956879		SPARKS, RUFUS ALLEN DVM	PRACTITIONER	8000 EAST MARKET STREET	WARREN	9/6/2006	1/5/2012	Non-Def	2,700	0.0%	12	0.0%	2,700	0.0%	9	0.0%	2,700	0.00%	8.75	0.00%
TRUMBULL	AL2640692		LUKASIK, LUKE DVM	PRACTITIONER	333 N CANAL ST	NEWTON FALLS	1/27/2006	11/4/2014	Non-Def	-	0.0%	17	0.0%	-	0.0%	-	0.0%	-	0.00%	8.28	0.00%
TRUMBULL	AR6648577		RABINOWITZ, A Z MD	PRACTITIONER	3020 BELMONT AVE	YOUNGSTOWN	3/20/2006	6/5/2012	Non-Def	-	0.0%	8	0.0%	-	0.0%	-	0.0%	-	0.00%	8.00	0.00%
TRUMBULL	BC2837029		COLES-VALLAR, LORI D DVM	PRACTITIONER	4680 MAHONING AVENUE	WARREN	1/27/2006	12/3/2009	Non-Def	1,200	0.0%	9	0.0%	1,200	0.0%	6	0.0%	1,200	0.00%	7.52	0.00%
TRUMBULL	BM3728245		WILLIAMS, JEFFREY L DVM	PRACTITIONER	8004 STATE ROUTE 5 WEST	KINSMAN	1/6/2006	12/15/2014	Non-Def	200	0.0%	14	0.0%	200	0.0%	3	0.0%	200	0.00%	7.02	0.00%
TRUMBULL	BM1211147	y	MANAGEMENT TRAINING CORP MEDICAL	HOSPITAL/CLINIC	2000 AVON BELDEN ROAD	GRAFTON	6/17/2009	4/13/2011	Non-Def	2,140	0.0%	7	0.0%	1,930	0.0%	6	0.0%	2,140	0.00%	6.54	0.00%
TRUMBULL	BM763251		MACKENZIE, KIMBER L DVM	PRACTITIONER	WESTERN RESERVE VET CLINIC	CORTLAND	2/2/2006	9/5/2014	Non-Def	2,100	0.0%	7	0.0%	2,100	0.0%	6	0.0%	2,100	0.00%	6.36	0.00%
TRUMBULL	BK3824186		KHAVARL, PARISA MD	PRACTITIONER	1227 E. MARKET ST	WARREN	2/7/2006	1/27/2012	Non-Def	1,300	0.0%	6	0.0%	-	0.0%	-	0.0%	1,300	0.00%	5.64	0.00%
TRUMBULL	AO5239442		OWEN, TERRY LAWRENCE	PRACTITIONER	4085 NORTH RIVER ROAD, NE	WARREN	3/23/2006	5/26/2010	Non-Def	10	0.0%	6	0.0%	-	0.0%	-	0.0%	10	0.00%	5.63	0.00%
TRUMBULL	BI3177145		JONES, MARK D DMD	PRACTITIONER	8799 E. MARKET ST.	WARREN	12/18/2006	6/29/2011	Non-Def	930	0.0%	5	0.0%	930	0.0%	5	0.0%	930	0.00%	4.98	0.00%
TRUMBULL	AK2967822		KHAYARI, MOHAMMED MD	PRACTITIONER	1227 EAST MARKET STREET	WARREN	8/21/2006	12/16/2008	Non-Def	1,000	0.0%	5	0.0%	-	0.0%	-	0.0%	1,000	0.00%	4.97	0.00%
TRUMBULL	BM4771792		MOXLEY, CHARLES T DVM	PRACTITIONER	2912 PARKMAN ROAD, NW	WARREN	5/10/2006	6/30/2014	Non-Def	1,300	0.0%	7	0.0%	1,300	0.0%	4	0.0%	1,300	0.00%	4.61	0.00%
TRUMBULL	BR5961328		RAY, HOLLY LYNN	PRACTITIONER	CHAMPION ANIMAL HOSPITAL	WARREN	3/17/2006	8/26/2014	Non-Def	1,500	0.0%	7	0.0%	1,500	0.0%	5	0.0%	1,500	0.00%	4.34	0.00%
TRUMBULL	AC2903967		CHIONCHIO, DONALD J DDS	PRACTITIONER	BOX 186	KINSMAN	2/1/2006	7/1/2006	Non-Def	1,000	0.0%	5	0.0%	1,000	0.0%	5	0.0%	1,000	0.00%	4.34	0.00%
TRUMBULL	AE2668715		EDDY, WILLIAM S DO	PRACTITIONER	929 ROBBINS AVENUE	NILES	4/6/2006	8/26/2014	Non-Def	424	0.0%	4	0.0%	424	0.0%	4	0.0%	424	0.00%	3.70	0.00%
TRUMBULL	AE2668715		EDDY, WILLIAM S DO	PRACTITIONER-DW/30	929 ROBBINS AVENUE	NILES	5/11/2006	5/1/2006	Non-Def	3	0.0%	0	0.0%	-	0.0%	-	0.0%	424	0.00%	3.70	0.00%
TRUMBULL	AF4159946		FOSTER, E LEE DO	PRACTITIONER	151 SOUTH HIGH STREET	CORTLAND	11/9/2007	2/3/2014	Non-Def	364	0.0%	2	0.0%	364	0.0%	2	0.0%	364	0.00%	2.50	0.00%
TRUMBULL	BB18835627		HEMROCK, LORI C	PRACTITIONER	1745 NILES CORTLAND ROAD NE	WARREN	6/11/2007	7/2/2014	Non-Def	-	0.0%	2	0.0%	-	0.0%	-	0.0%	2	0.00%	2.30	0.00%
TRUMBULL	BS1413537		SCOTT, ROY E DDS	PRACTITIONER	1800 ELM RD NE	WARREN	1/9/2007	8/12/2014	Non-Def	700	0.0%	2	0.0%	-	0.0%	-	0.0%	700	0.00%	2.15	0.00%
TRUMBULL	BD2701692		DA'POLITO, JAMES P MD	PRACTITIONER	4316 BELMONT AVE	YOUNGSTOWN	4/6/2006	9/7/2007	Non-Def	-	0.0%	2	0.0%	-	0.0%	-	0.0%	2	0.00%	2.13	0.00%
TRUMBULL	BR6236980		RICH, PAUL A MD	PRACTITIONER-DW/30	5170 BELMONT AVENUE	YOUNGSTOWN	5/11/2006	4/1/2013	Non-Def	113	0.0%	2	0.0%	110	0.0%	2	0.0%	113	0.00%	1.73	0.00%
TRUMBULL	BC2081266		CHESTER, ANA M DDS	PRACTITIONER	140 HIGHLAND TERRACE BLVD SUITE 100	WARREN	11/9/2006	12/15/2009	Non-Def	360	0.0%	2	0.0%	360	0.0%	2	0.0%	360	0.00%	1.63	0.00%
TRUMBULL	BB0129622		BAVOLA, CHRISTINE L DDS	PRACTITIONER	241 NILES-CORTLAND ROAD, N.E.	WARREN	8/17/2006	2/1/2010	Non-Def	300	0.0%	1	0.0%	300	0.0%	1	0.0%	300	0.00%	1.36	0.00%
TRUMBULL	AK7193763		KO, NAMKYU; MD	PRACTITIONER	1507 EAST MARKET ST	WARREN	3/27/2006	8/24/2006	Non-Def	300	0.0%	1	0.0%	300	0.0%	1	0.0%	300	0.00%	1.36	0.00%
TRUMBULL	BT7722628		TRUONG, THONG MD	PRACTITIONER	4461 NILES CORTLAND																

Buyer County	Buyer DEA No	Pharmacy, Clinic, Hospital Location	Buyer Name	Buyer Bus Act	Buyer Address 1	Buyer City	Min Txn Date	Max Txn Date	Non Def	Total ARCOS Dosage Units	% of Total ARCOS Dosage Units	Total ARCOS MME	% of Total ARCOS MME	Total Oxycodeine and Hydrocodone Dosage Units	% of Oxycodeine and Hydrocodone Dosage Units	Total Oxycodeine and Hydrocodone MME	% of Total Oxycodeine and Hydrocodone MME	Total ARCOS Dosage Units (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs Dosage Units	Total ARCOS MME (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs MME
TRUMBULL	AW1026485	WEINBERG, ADON S DO	PRACTITIONER	4247 BELMONT AVENUE	YOUNGSTOWN	11/21/2008	3/12/2012	Non-Def	50	0.0%	0	0.0%	50	0.0%	0	0.0%	50	0.00%	0.23	0.00%	
TRUMBULL	BS4771665	SPARKS, RUFUS ALLEN DVM	PRACTITIONER	PARKMAN VETERINARY CLINIC	WARREN	10/6/2014	10/6/2014	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.00%	0.23	0.00%	
TRUMBULL	BD0169359	DECHELLIS, ERNEST A DO	PRACTITIONER	3002B STATE ROUTE 5	CORTLAND	5/10/2006	2/21/2013	Non-Def	36	0.0%	0	0.0%	30	0.0%	0	0.0%	36	0.00%	0.22	0.00%	
TRUMBULL	FY0852776	YOUSSEF, SAMEH	PRACTITIONER	2600 ELM RD CORTLAND OH	CORTLAND	2/29/2012	6/20/2012	Non-Def	10	0.0%	0	0.0%	10	0.0%	0	0.0%	10	0.00%	0.20	0.00%	
TRUMBULL	BW6056875	VARGA, SABRINA K MD	PRACTITIONER	8511 MAIN STREET	KINSMAN	2/20/2012	2/21/2013	Non-Def	8	0.0%	0	0.0%	8	0.0%	0	0.0%	8	0.00%	0.19	0.00%	
TRUMBULL	BA5735898	ALTAWIL, BADI MD	PRACTITIONER	4439-A MAHONING AVENUE	WARREN	12/3/2007	1/21/2010	Non-Def	28	0.0%	0	0.0%	28	0.0%	0	0.0%	28	0.00%	0.19	0.00%	
TRUMBULL	BP1112426	PATEL, NITIN K	PRACTITIONER	461 NILES-CORTLAND RD S.E.	WARREN	6/1/2006	12/28/2006	Non-Def	2	0.0%	0	0.0%	-	0.0%	0	0.0%	2	0.00%	0.16	0.00%	
TRUMBULL	FA1048518	ANDREWS, GEORGE	PRACTITIONER	1621 E. MARKET ST.	WARREN	1/11/2012	5/23/2012	Non-Def	50	0.0%	0	0.0%	50	0.0%	0	0.0%	50	0.00%	0.14	0.00%	
TRUMBULL	BR7938802	ROBERTS, MICHAEL K MD	PRACTITIONER	VETERAN'S ADMINISTRATION	WARREN	2/2/2006	2/2/2006	Non-Def	25	0.0%	0	0.0%	-	0.0%	-	0.0%	25	0.00%	0.13	0.00%	
TRUMBULL	AP2966628	PERRY, FREDERICK D DPM	PRACTITIONER	2900 ELM RD	WARREN	4/27/2006	4/27/2006	Non-Def	25	0.0%	0	0.0%	-	0.0%	-	0.0%	25	0.00%	0.13	0.00%	
TRUMBULL	BC7259890	CHUBA, VERA M	PRACTITIONER	1616 EAST LIBERTY ST	GIRARD	3/14/2006	3/14/2006	Non-Def	25	0.0%	0	0.0%	-	0.0%	-	0.0%	25	0.00%	0.13	0.00%	
TRUMBULL	FL0393835	LAPOLLA JR, JAMES J	PRACTITIONER	8588 EAST MARKET ST	WARREN	8/28/2009	9/21/2009	Non-Def	50	0.0%	0	0.0%	50	0.0%	0	0.0%	50	0.00%	0.12	0.00%	
TRUMBULL	BB8477451	JOHNSON, LYNN M	PRACTITIONER	550 TRUMBULL AVE	CORTLAND	4/19/2006	8/23/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.00%	0.12	0.00%	
TRUMBULL	BN0169133	SHAIKHANI, PARVIN P NAGHIBI MD	PRACTITIONER	1032 EAST MARKET ST	WARREN	4/19/2006	9/13/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.11	0.00%	
TRUMBULL	AE8522028	ENYEART, JAMES JOSEPH MD	PRACTITIONER	121 E. LIBERTY ST.	GIRARD	4/11/2007	11/29/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.11	0.00%	
TRUMBULL	AV2944519	VERES, FRANK G DO	PRACTITIONER	4681 MAHONING N W	WARREN	10/31/2006	5/8/2009	Non-Def	54	0.0%	0	0.0%	30	0.0%	0	0.0%	54	0.00%	0.11	0.00%	
TRUMBULL	BK5238161	KIM, HYO	PRACTITIONER	8098 E. MARKET ST.	WARREN	9/3/2009	9/3/2009	Non-Def	30	0.0%	0	0.0%	30	0.0%	0	0.0%	30	0.00%	0.11	0.00%	
TRUMBULL	AO768304	OSTI, JOSEPH VINCENT DPM	PRACTITIONER	1170 NILES-CORTLAND ROAD	NILES	5/8/2009	5/8/2009	Non-Def	30	0.0%	0	0.0%	30	0.0%	0	0.0%	30	0.00%	0.11	0.00%	
TRUMBULL	BB1654272	KARNAVAS, DIANA G DPM	PRACTITIONER	4441A MAHONING AVENUE	WARREN	9/28/2009	9/28/2009	Non-Def	30	0.0%	0	0.0%	30	0.0%	0	0.0%	30	0.00%	0.11	0.00%	
TRUMBULL	BM7806017	MALVASI, PHILLIP P DO	PRACTITIONER	TRUMBULL COUNTY JAIL	WARREN	2/13/2012	2/13/2012	Non-Def	30	0.0%	0	0.0%	30	0.0%	0	0.0%	30	0.00%	0.09	0.00%	
TRUMBULL	BH9313468	HABO, KHALID A	PRACTITIONER	4308 BELMONT AVE	YOUNGSTOWN	2/10/2006	2/16/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.09	0.00%	
TRUMBULL	AB2174073	BETHUY, JOSEPH A MD	PRACTITIONER	362 BELMONT	YOUNGSTOWN	8/24/2006	10/17/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.08	0.00%	
TRUMBULL	BL9774375	LINNON, THERESE M	PRACTITIONER	5000 E. MARKET ST.	WARREN	9/28/2007	10/12/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.08	0.00%	
TRUMBULL	BD1517260	DELIQUADRI, JOHN P DO	PRACTITIONER	116 EAST LIBERTY STREET	GIRARD	2/29/2012	2/29/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	AD8830374	DELIQUADRI, DAVID ROBERT DO	PRACTITIONER	116 EAST LIBERTY ST	GIRARD	10/2/2012	10/2/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	AB9375393	BOTTAR, PETER DO	PRACTITIONER	50 OAK KNOLL DR	HUBBARD	2/20/2012	2/20/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	BB5054387	BEDLION, JEFFREY ALLAN MD	PRACTITIONER	8511 MAIN STREET	KINSMAN	11/8/2011	11/8/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	AF2658574	FONTANAROSA, MARYANN (MD)	PRACTITIONER	2600 ELM ROAD	CORTLAND	1/23/2012	1/23/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	FN0493837	NICHOLS, JAMES A	PRACTITIONER	1932 NILES CORTLAND ROAD NORTHE	WARREN	12/12/2008	1/29/2009	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	AG2045119	GURUMURTHY, KUNCHITHAPATHAM MD	PRACTITIONER	5000 EAST MARKET STREET	WARREN	9/18/2007	9/18/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.07	0.00%	
TRUMBULL	BN2977289	NAUM, GEORGE P III DO	PRACTITIONER	WARREN GENERAL HOSPITAL	WARREN	12/8/2006	12/8/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.06	0.00%	
TRUMBULL	AB3136098	BALLESTER, PEDRO, A. MD	PRACTITIONER-DW/100	1405 EAST MARKET STREET	WARREN	2/25/2009	6/14/2010	Non-Def	578	0.0%	137	0.0%	8	0.0%	0	0.0%	8	0.00%	0.05	0.00%	
TRUMBULL	AO1003879	OLSON, DAN N MD	PRACTITIONER	2600 ELM RD NE	CORTLAND	7/31/2012	7/31/2012	Non-Def	10	0.0%	0	0.0%	10	0.0%	0	0.0%	10	0.00%	0.03	0.00%	
TRUMBULL	AB2837598	BALLAS, STEVEN L MD	PRACTITIONER	627 EASTLAND AVE	WARREN	1/30/2007	1/30/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.03	0.00%	
TRUMBULL	AB71865	IQBAL, KHALID MD	PRACTITIONER	2725 ARABIAN DR	HUBBARD	4/6/2006	4/6/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.03	0.00%	
TRUMBULL	BP205496	PENTZ, BENJAMIN M MD	PRACTITIONER	150 N CRANDON AVE	NILES	10/24/2007	10/24/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.03	0.00%	
TRUMBULL	BA2885474	ABDUL-AAL, AMINE R MD	PRACTITIONER	200 GARFIELD DRIVE	WARREN	8/1/2011	8/1/2011	Non-Def	10	0.0%	0	0.0%	-	0.0%	-	0.0%	10	0.00%	0.03	0.00%	
TRUMBULL	BK6372988	KOWAL, MARIA MARIA MD	PRACTITIONER	PREMIER CARE PEDIATRICS, INC	CORTLAND	9/12/2007	12/3/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.02	0.00%	
TRUMBULL	BS1274202	SHEATH, YOGESH O MD	PRACTITIONER	940 ROBBINS AVE	NILES	11/16/2007	11/16/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.02	0.00%	
TRUMBULL	AN7435894	ALAM, RAMAMURTHY NAIDU MD	PRACTITIONER	1910 EAST MARKET STREET	WARREN	12/3/2007	12/3/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.02	0.00%	
TRUMBULL	AA1402243	AMRITHALINGAM, KOWRIAH N MD	PRACTITIONER	9667 KING GRAVES ROAD	WARREN	12/3/2007	12/3/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.02	0.00%	
TRUMBULL	BR5543485	REGHETTI, DR. GINA D.O.	PRACTITIONER-DW/100	THE 110 BUILDING	WARREN	11/29/2007	11/29/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.00%	0.01	0.00%	
TRUMBULL	BS7396698	SHEATH, RAMONA S MD	PRACTITIONER	2760 PARKMAN RD. N.W.	WARREN	5/10/2006	5/10/2006	Non-Def	2	0.0%	0	0.0%	-	0.0%	-	0.0%	2	0.00%	0.01	0.00%	
TRUMBULL	AY2951677	YUMANG, SERVILLANO Y MD	PRACTITIONER	8098 EAST MARKET STREET	WARREN	6/25/2007	1/31/2008	Non-Def	192	0.0%	0	0.0%	-	0.0%	-	0.0%	192	0.00%	0.00	0.00%	
TRUMBULL	BD2247864	DAVIS, MARK E DO	PRACTITIONER	341 YOUNGSTOWN KINGSVILLE RD	VIENNA	2/9/2007	6/25/2007	Non-Def	120	0.0%	0	0.0%	-	0.0%	-	0.0%	120	0.00%	0.00	0.00%	
TRUMBULL	AS3260685	STEINES, WILLIAM R DMD	PRACTITIONER	5100 BELMONT AVE	YOUNGSTOWN	4/23/2007	5/18/2007	Non-Def	96	0.0%	0	0.0%	-	0.0%	-	0.0%	96	0.00%	0.00	0.00%	
TRUMBULL	AS2961339	SKIFFEY, JAMES JOSEPH JR DDS	PRACTITIONER	5402 YOUNGSTOWN WARREN ROAD	NILES	4/23/2007	5/18/2007	Non-Def	72	0.0%	0	0.0%	-	0.0%	-	0.0%	72	0.00%	0.00	0.00%	
TRUMBULL	BN976812	NEOPOLITAN, MICHAEL	PRACTITIONER	5402 YOUNGSTOWN-WARREN RD.	NILES	3/13/2007	4/3/2007	Non-Def	48	0.0%	0	0.0%	-	0.0%	-	0.0%	48	0.00%	0.00	0.00%	
TRUMBULL	BS8638985	SANTUCCI, ALFRED S DMD	PRACTITIONER																		

Buyer County	Buyer DEA No	Pharmacy, Clinic, Hospital Location	Buyer Name	Buyer Bus Act	Buyer Address 1	Buyer City	Min Txn Date	Max Txn Date	Non Def	Total ARCos Dosage Units	% of Total ARCos Dosage Units	Total ARCos MME	% of Total ARCos MME	Total Oxycodeine and Hydrocodone Dosage Units	% of Oxycodeine and Hydrocodone ARCos Dosage Units	Total Oxycodeine and Hydrocodone MME	% of Total Oxycodeine and Hydrocodone MME	Total ARCos Dosage Units (Excl. Buprenorphine & Methadone)	% of Total ARCos 12 Drugs Dosage Units	Total ARCos MME (Excl. Buprenorphine & Methadone)	% of Total ARCos 12 Drugs MME
LAKE	AG2932590	y RITE AID OF OHIO, INC.	CHAIN PHARMACY	180 NORTH STATE STREET	PAINESVILLE	1/3/2006	12/31/2014	Non-Def	5,776,196	5.7%	144,972	8.8%	4,322,940	5.1%	64,688	9.1%	5,039,940	5.3%	106,975	8.9%	
LAKE	BN4797316	y NCS HEALTHCARE OF OHIO	RETAIL PHARMACY	DBA: OMNICARE OF EASTLAKE	EASTLAKE	1/3/2006	6/17/2010	Non-Def	4,426,118	4.4%	96,406	5.9%	3,648,920	4.3%	31,323	4.4%	4,194,858	4.4%	88,516	7.3%	
LAKE	BR0268284	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	6005 SOM CENTER RD.	WILLOUGHBY	1/3/2006	12/31/2014	Non-Def	5,403,821	5.4%	98,990	6.0%	4,623,030	5.5%	43,248	6.1%	5,096,903	5.4%	72,337	6.0%	
LAKE	BW5513278	y WALGREEN CO.	CHAIN PHARMACY	5881 SOM CENTER RD.	WILLOUGHBY	1/5/2006	12/29/2014	Walgreen	4,960,457	4.9%	83,965	5.1%	3,910,030	4.6%	34,862	4.9%	4,539,429	4.8%	57,243	4.7%	
LAKE	BW4682414	y WALGREEN CO.	CHAIN PHARMACY	3579 VINE ST	WILLOWICK	1/3/2006	12/31/2014	Walgreen	3,977,265	3.9%	78,009	4.8%	3,253,900	3.8%	32,944	4.6%	3,709,449	3.9%	54,596	4.5%	
LAKE	BH9088178	y UVANTA PHARMACY	RETAIL PHARMACY	84099 MELINZ PARKWAY	EASTLAKE	1/5/2006	5/25/2010	Non-Def	2,543,030	2.5%	53,727	3.3%	2,156,120	2.5%	18,609	2.6%	2,462,810	2.6%	49,671	4.1%	
LAKE	BR5424166	y RITE AID OF OHIO, INC.	CHAIN PHARMACY	6655 NORTH RIDGE ROAD	MADISON	1/3/2006	12/31/2014	Non-Def	2,629,387	2.6%	52,666	3.2%	2,205,560	2.6%	28,431	4.0%	2,532,535	2.7%	44,999	3.7%	
LAKE	FC1209116	y CORNERSTONE PHARMACY	RETAIL PHARMACY	84099 MELINZ PARKWAY	EASTLAKE	7/30/2009	9/28/2012	Non-Def	2,649,311	2.6%	46,209	2.8%	2,264,600	2.7%	17,212	2.4%	2,582,779	2.7%	44,069	3.6%	
LAKE	BW5379383	y WAL-MART PHARMACY 10-1863	CHAIN PHARMACY	3869 VINE ST	EASTLAKE	1/3/2006	12/31/2014	Non-Def	3,869,527	3.8%	63,052	3.8%	3,265,620	3.9%	25,844	3.6%	3,581,333	3.8%	36,084	3.0%	
LAKE	BC5866225	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	7301 LAKESHORE BOULEVARD	MENTOR	1/4/2006	12/26/2014	Non-Def	3,346,829	3.3%	44,461	2.7%	2,894,280	3.4%	21,998	3.1%	3,181,341	3.3%	33,277	2.8%	
LAKE	BW6675536	y WALGREEN CO.	CHAIN PHARMACY	6101 ANDREWS ROAD	MENTOR ON THE L	1/3/2006	12/31/2014	Walgreen	3,037,822	3.0%	46,585	2.8%	2,423,700	2.9%	19,784	2.8%	2,790,794	2.9%	32,179	2.7%	
LAKE	BH6042763	y HY-TECH PHARMACY, INC.	RETAIL PHARMACY	9500 MENTOR AVENUE	MENTOR	1/3/2006	1/25/2011	Non-Def	1,133,544	1.1%	41,965	2.6%	686,480	0.8%	16,026	2.2%	926,050	1.0%	31,423	2.6%	
LAKE	BK9489027	y HEALTHSPAN INTEGRATED CARE	RETAIL PHARMACY	5105 S.O.M. CENTER RD	WILLOUGHBY	1/3/2006	12/29/2014	Non-Def	3,775,042	3.7%	38,006	2.3%	3,098,460	3.7%	18,823	2.6%	3,581,884	3.8%	30,734	2.5%	
LAKE	BG8262345	y GIANT EAGLE PHARMACY #1217	CHAIN PHARMACY	6079 ANDREWS RD	MENTOR-ON-THE	1/3/2006	12/31/2014	Non-Def	3,177,094	3.2%	46,394	2.8%	2,702,080	3.2%	19,823	2.8%	3,011,926	3.2%	29,905	2.5%	
LAKE	AR7232782	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	9040 MENTOR AVE	MENTOR	1/4/2006	12/31/2014	Non-Def	2,575,970	2.6%	37,541	2.3%	2,222,100	2.6%	16,518	2.3%	2,492,102	2.6%	27,459	2.3%	
LAKE	BW5704451	y WALGREEN CO.	CHAIN PHARMACY	9400 MENTOR AVE	MENTOR	1/4/2006	12/29/2014	Walgreen	2,903,034	2.9%	38,887	2.4%	2,466,980	2.9%	17,052	2.4%	2,757,018	2.9%	27,336	2.3%	
LAKE	BW9568518	y WAL-MART PHARMACY 10-3608	CHAIN PHARMACY	6067 NORTH RIDGE ROAD	MADISON	1/9/2006	12/30/2014	Non-Def	2,070,845	2.1%	28,065	1.7%	1,798,400	2.1%	16,581	2.3%	1,996,647	2.1%	25,439	2.1%	
LAKE	AR6897637	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	1506 MENTOR AVENUE	PAINESVILLE	1/5/2006	12/31/2014	Non-Def	2,621,787	2.6%	33,967	2.1%	2,311,320	2.7%	17,902	2.5%	2,539,053	2.7%	25,046	2.1%	
LAKE	BD2308181	y DISCOUNT DRUG MART #36	CHAIN PHARMACY	34100 VINE ST	WILLOWICK	1/3/2006	12/24/2014	Non-Def	3,076,204	3.1%	28,557	1.7%	2,771,540	3.3%	17,272	2.4%	2,968,032	3.1%	24,988	2.1%	
LAKE	BW7109045	y WALGREEN CO.	CHAIN PHARMACY	132 RICHMOND STREET	PAINESVILLE	1/3/2006	12/29/2014	Non-Def	2,691,993	2.7%	30,571	1.9%	2,261,720	2.7%	16,849	2.4%	2,565,623	2.7%	24,602	2.0%	
LAKE	AR5547700	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	265 EAST ERIE STREET	PAINESVILLE	1/4/2006	12/29/2014	Non-Def	1,934,205	1.9%	36,514	2.2%	1,619,400	1.9%	13,139	1.8%	1,798,655	1.9%	23,358	2.0%	
LAKE	AR2980173	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	1890 N RIDGE RD	PAINESVILLE	1/4/2006	12/26/2014	Non-Def	2,603,117	2.6%	29,760	1.8%	2,328,090	2.8%	15,901	2.2%	2,528,187	2.7%	23,404	1.9%	
LAKE	FW02160920	y WALGREEN CO.	CHAIN PHARMACY	6707 N RIDGE RD	MADISON	4/17/2007	12/31/2014	Walgreen	1,551,936	1.5%	28,814	1.8%	1,288,120	1.5%	13,379	1.9%	1,481,828	1.6%	21,855	1.8%	
LAKE	AG2914655	y RITE AID OF OHIO, INC.	CHAIN PHARMACY	26212 EUCLID AVENUE	WILLOUGHBY	1/4/2006	12/30/2014	Non-Def	1,612,234	1.6%	36,256	2.2%	1,323,090	1.6%	14,151	2.0%	1,474,072	1.5%	21,201	1.8%	
LAKE	FN0383997	y NORWOOD PHARMACY	RETAIL PHARMACY	34099 MELINZ PARKWAY	EASTLAKE	1/5/2006	2/7/2011	Non-Def	1,000,863	1.0%	21,115	1.3%	808,640	1.0%	7,910	1.1%	945,073	1.0%	18,260	1.5%	
LAKE	AD2456211	y DISCOUNT DRUG MART #25	CHAIN PHARMACY	8500 MENTOR AVENUE	MENTOR	1/5/2006	12/31/2014	Non-Def	2,072,160	2.1%	24,096	1.5%	1,811,040	2.1%	12,456	1.7%	1,990,234	2.1%	17,886	1.5%	
LAKE	BG6805482	y GIANT EAGLE PHARMACY #6377	CHAIN PHARMACY	1200 MENTOR AVE	PAINESVILLE	1/3/2006	12/30/2014	Non-Def	2,356,930	2.3%	23,057	1.4%	2,128,770	2.5%	13,008	1.8%	2,305,646	2.4%	16,711	1.4%	
LAKE	BK9740336	y CCF WILLOUGHBY HILLS	RETAIL PHARMACY	2550 SOM CENTER ROAD	WILLOUGHBY HIL	5/31/2006	12/30/2014	Non-Def	1,117,167	1.1%	20,004	1.2%	916,200	1.1%	8,507	1.2%	1,088,927	1.1%	15,957	1.3%	
LAKE	PF2386034	y PROFESSIONAL PHARMACY SERVICES, INC.	RETAIL PHARMACY	9500 MENTOR AVE	MENTOR	1/28/2011	2/7/2014	Non-Def	784,253	0.8%	22,439	1.4%	49,090	0.6%	10,511	1.5%	62,217	0.7%	15,230	1.3%	
LAKE	BG6555417	y GIANT EAGLE PHARMACY #0216	CHAIN PHARMACY	80320 LAKE SHORE BLVD	WILLOWICK	1/3/2006	12/31/2014	Non-Def	1,852,316	1.8%	22,771	1.4%	1,635,750	1.9%	9,988	1.4%	1,801,212	1.9%	14,730	1.2%	
LAKE	BG6514803	y GIANT EAGLE PHARMACY #4097	CHAIN PHARMACY	6556 NORTH RIDGE ROAD	NORTH MADISON	1/3/2006	12/30/2014	Non-Def	2,040,268	2.0%	19,433	1.2%	1,814,440	2.1%	10,426	1.5%	1,995,572	2.1%	14,438	1.2%	
LAKE	BG6670524	y GIANT EAGLE PHARMACY #6381	CHAIN PHARMACY	36475 EUCLID AVE	WILLOUGHBY	1/4/2006	12/31/2014	Non-Def	1,573,401	1.6%	15,593	1.0%	1,429,060	1.7%	8,551	1.2%	1,552,325	1.6%	13,697	1.1%	
LAKE	BW5397371	y WAL-MART PHARMACY 10-1857	CHAIN PHARMACY	9303 MENTOR AVE	MENTOR	1/2/2006	12/31/2014	Non-Def	1,652,355	1.6%	21,234	1.3%	1,454,280	1.7%	10,830	1.5%	1,595,315	1.7%	13,372	1.1%	
LAKE	BL0246644	y LAKE HOSPITAL SYSTEM	HOSPITAL/CLINIC	PHARMACY DEPT	WILLOUGHBY	1/3/2006	12/31/2014	Non-Def	544,684	0.5%	10,763	0.7%	475,055	0.6%	3,092	0.4%	529,684	0.6%	10,211	0.8%	
LAKE	BS1359517	y MARC GLASSMAN INC	CHAIN PHARMACY	DBA: MARC'S PHARMACY	MENTOR	1/3/2006	12/30/2014	Non-Def	1,225,031	1.2%	18,078	1.1%	1,078,300	1.3%	6,811	1.0%	1,188,855	1.3%	9,919	0.8%	
LAKE	BR0130726	y OHIO CVS STORES, L.L.C.	CHAIN PHARMACY	28700 CHARDON RD	WILLOUGHBY HIL	1/5/2006	12/31/2014	Non-Def	1,249,697	1.2%	13,101	0.8%	1,081,100	1.3%	6,643	0.9%	1,219,757	1.3%	9,656	0.8%	
LAKE	AM1573840	y RITE AID OF OHIO, INC.	CHAIN PHARMACY	7799 MUNSON ROAD	MENTOR	1/4/2006	12/29/2014	Non-Def	1,104,685	1.1%	12,144	0.7%	934,540	1.1%	6,627	0.9%	1,013,525	1.1%	8,896	0.7%	
LAKE	BS7436098	y SAM PHARMACY 10-4846	CHAIN PHARMACY	5600 EMERALD COURT	MENTOR	1/3/2006	12/31/2014	Non-Def	643,524	0.6%	10,837	0.7%	529,600	0.6%	4,909	0.7%	609,160	0.6%	8,300	0.7%	
LAKE	AK078152	y K MART PHARMACY #4910	CHAIN PHARMACY	9206 MENTOR AVENUE	MENTOR	1/3/2006	12/23/2014	Non-Def	736,888	0.7%	8,423	0.5%	622,800	0.7%	4,485	0.6%	731,912	0.8%	8,144	0.7%	
LAKE	BR5396242	y RITE AID OF OHIO, INC.	CHAIN PHARMACY	30500 LAKESHORE BOULEVARD	WILLOWICK	1/4/2006	12/31/2014	Non-Def	1,009,444	1.0%	8,805	0.5%	912,420	1.1%	6,425	0.9%	985,310	1.0%	7,182	0.6%	
LAKE	AJ1932727	y MARC GLASSMAN INC	CHAIN PHARMACY	DBA: MARC'S PHARMACY	WILLOWICK	1/4/2006	12/30/2014	Non-Def	871,338	0.9%	10,855	0.7%	777,900	0.9%	4,502	0.6%	845,250	0.9%	6,886	0.	

Buyer County	Buyer DEA No	Pharmacy, Clinic, Hospital Location	Buyer Name	Buyer Bus Act	Buyer Address 1	Buyer City	Min Txn Date	Max Txn Date	Non Def	Total ARCOS Dosage Units	% of Total ARCOS Dosage Units	Total ARCOS MME	% of Total ARCOS MME	Total Oxycodeine and Hydrocodone Dosage Units	% of Oxycodeine and Hydrocodone ARCOS Dosage Units	Total Oxycodeine and Hydrocodone MME	% of Total Oxycodeine and Hydrocodone MME	Total ARCOS Dosage Units (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs Dosage Units	Total ARCOS MME (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs MME
LAKE	ES0700167	SCHROEDER, MATTHEW A (DVM)	PRACTITIONER	1016 BANK ST.	PAINESVILLE	12/1/2010	12/15/2014	Non-Def	55	0.0%	47	0.0%	0	0.0%	0	0.0%	55	0.0%	38	0.0%	
LAKE	BH9069192	HHC OHIO INC, LAURELWOOD HOSPITAL	HOSPITAL/CLINIC	35900 EUCLID AVENUE	WILLOUGHBY	2/7/2006	9/26/2007	Non-Def	2,700	0.0%	153	0.0%	1,520	0.0%	16	0.0%	1,860	0.0%	36	0.0%	
LAKE	AP1512777	PIERCE, ROBERT W DVM	PRACTITIONER	6336 NORTH RIDGE RD	MADISON	4/2/2007	10/13/2014	Non-Def	85	0.0%	43	0.0%	0	0.0%	0	0.0%	85	0.0%	33	0.0%	
LAKE	BT4241155	THOKEY, KATHY ANN DDS	PRACTITIONER	24 LEXINGTON BLVD	MADISON	3/30/2006	2/26/2014	Non-Def	7,030	0.0%	31	0.0%	6,630	0.0%	30	0.0%	7,030	0.0%	31	0.0%	
LAKE	AR8833940	RADECCKY, MICHELLE MARIE DVM	PRACTITIONER	TYLER ANIMAL CLINIC, INC	MENTOR	1/9/2006	7/16/2012	Non-Def	3,820	0.0%	64	0.0%	3,800	0.0%	12	0.0%	3,820	0.0%	27	0.0%	
LAKE	AS1513476	SOLWITZ, RICHARD ALAN DVM	PRACTITIONER	WILLOW RUN VET CLINIC	WICKLIFFE	1/2/2006	11/24/2014	Non-Def	5,300	0.0%	34	0.0%	5,300	0.0%	16	0.0%	5,300	0.0%	27	0.0%	
LAKE	FD1780217	DOLES, JOSEPH F DVM	PRACTITIONER	MEDVET MEDICAL AND CANCER CEN	MENTOR	5/27/2010	12/18/2014	Non-Def	1,100	0.0%	396	0.0%	1,100	0.0%	3	0.0%	1,100	0.0%	26	0.0%	
LAKE	BD0582735	DENNIS, DEBORAH JOAN DVM	PRACTITIONER	2735 SOM CENTER ROAD	WILLOUGHBY HIL	1/18/2006	10/15/2012	Non-Def	5,800	0.0%	125	0.0%	5,800	0.0%	19	0.0%	5,800	0.0%	19	0.0%	
LAKE	BL7571965	y LAKE HEALTH/UNIVERSITY HOSPITALS	HOSPITAL/CLINIC	0485 MENTOR AVENUE	MENTOR	3/20/2006	10/15/2014	Non-Def	900	0.0%	18	0.0%	700	0.0%	5	0.0%	900	0.0%	18	0.0%	
LAKE	FS0506999	y SURGICAL CARE CENTER	HOSPITAL/CLINIC	2165 MENTOR AVE	PAINESVILLE	10/25/2007	9/5/2014	Non-Def	-	0.0%	17	0.0%	-	0.0%	-	0.0%	-	0.0%	17	0.0%	
LAKE	AS4541074	SCHNEIDER, EDWARD KARL II DDS	PRACTITIONER	7207 HOPKINS ROAD	MENTOR	2/17/2006	5/6/2013	Non-Def	256	0.0%	17	0.0%	0	0.0%	1	0.0%	256	0.0%	17	0.0%	
LAKE	AK5108685	KRANTZ, RICHARD ALLYN DDS INC	PRACTITIONER	35104 EUCLID AVENUE	WILLOUGHBY	2/28/2006	2/6/2014	Non-Def	4,600	0.0%	17	0.0%	4,600	0.0%	17	0.0%	4,600	0.0%	17	0.0%	
LAKE	AS2963797	SLOBODY, ROBERT J DVM	PRACTITIONER	MEADOWLANDS VETERINARY CENTER	WILLOUGHBY	1/3/2006	2/10/2014	Non-Def	-	0.0%	41	0.0%	-	0.0%	-	0.0%	-	0.0%	16	0.0%	
LAKE	AF2658776	FRASER, WILLIAM M DVM	PRACTITIONER	9640 OLD JOHNNYCAKE ROAD	MENTOR	1/23/2006	12/18/2014	Non-Def	1,300	0.0%	40	0.0%	1,300	0.0%	4	0.0%	1,300	0.0%	15	0.0%	
LAKE	BC6207876	y CLEVELAND CLINIC	HOSPITAL/CLINIC	2570 SOM CENTER RD	WILLOUGHBY	1/26/2011	1/26/2011	Non-Def	1,400	0.0%	13	0.0%	1,200	0.0%	9	0.0%	1,400	0.0%	13	0.0%	
LAKE	BM0492443	MASTROCOLA, RICCARDO F DVM	PRACTITIONER	7439 TYLER BLVD	MENTOR	7/31/2010	12/22/2014	Non-Def	1,210	0.0%	37	0.0%	1,200	0.0%	4	0.0%	1,210	0.0%	13	0.0%	
LAKE	AF2967682	FIORITTO, HENRY J DDS	PRACTITIONER	FIORITTO FAMILY DENTAL MENTOR	MENTOR	7/5/2007	10/15/2013	Non-Def	-	0.0%	11	0.0%	-	0.0%	-	0.0%	-	0.0%	11	0.0%	
LAKE	FS3026982	SCHNEIDER, KEITH, M.	PRACTITIONER	7207 HOPKINS RD	MENTOR	10/9/2012	10/27/2014	Non-Def	60	0.0%	11	0.0%	60	0.0%	0	0.0%	60	0.0%	11	0.0%	
LAKE	BK4918085	KEUM, MATTHEW MINSEOK MD	PRACTITIONER	36660 EUCLID AVENUE	WILLOUGHBY	1/27/2006	7/28/2014	Non-Def	1,583	0.0%	9	0.0%	-	0.0%	-	0.0%	1,583	0.0%	9	0.0%	
LAKE	AM5218501	MCCASLIN, EDWARD ROGER DVM	PRACTITIONER	LAKE SHORE ANIMAL HOSP	MENTOR-ON-THE-TH	1/11/2006	10/24/2014	Non-Def	2,800	0.0%	25	0.0%	2,800	0.0%	8	0.0%	2,800	0.0%	8	0.0%	
LAKE	BP8151780	PODOJIL, KASIE M	PRACTITIONER	BRIGHTWOOD ANIMAL HOSPITAL	MENTOR	1/10/2006	3/10/2010	Non-Def	700	0.0%	254	0.0%	700	0.0%	2	0.0%	700	0.0%	8	0.0%	
LAKE	AB5935575	BROWN, ALVIN JESSE DVM	PRACTITIONER	7564 TYLER BLVD, BLDG E	MENTOR	3/13/2006	8/1/2013	Non-Def	-	0.0%	12	0.0%	0	0.0%	2	0.0%	-	0.0%	7	0.0%	
LAKE	FW1988572	WEBER, JILL, M	PRACTITIONER	7207 HOPKINS ROAD	MENTOR	6/2/2013	6/4/2014	Non-Def	100	0.0%	6	0.0%	100	0.0%	0	0.0%	100	0.0%	6	0.0%	
LAKE	AS8832265	SAILORS, FRANK, G. D.O.	PRACTITIONER	2999 MCMACKIN ROAD	MADISON	4/24/2006	11/28/2011	Non-Def	229	0.0%	5	0.0%	12	0.0%	4	0.0%	229	0.0%	5	0.0%	
LAKE	FC462562	y CLEVELAND CLINIC CONSULTANTS IN GASTROENTERO	HOSPITAL/CLINIC	7530 FREDLE DRIVE	CONCORD TWP	11/10/2014	12/5/2014	Non-Def	-	0.0%	5	0.0%	-	0.0%	-	0.0%	-	0.0%	5	0.0%	
LAKE	BL2716554	LEE, HOWARD H MD	PRACTITIONER	9485 MENTOR AVENUE	MENTOR	1/30/2006	6/1/2009	Non-Def	1,299	0.0%	5	0.0%	110	0.0%	1	0.0%	1,299	0.0%	5	0.0%	
LAKE	AW2943517	WOLFE, HERMAN PAUL DVM	PRACTITIONER	1777 MENTOR AVENUE	PAINESVILLE	1/3/2006	7/24/2014	Non-Def	1,600	0.0%	6	0.0%	1,600	0.0%	5	0.0%	1,600	0.0%	5	0.0%	
LAKE	AA3189431	ASCHA, AHMAD MD	PRACTITIONER	9500 MENTOR AVE #380	MENTOR	5/28/2014	9/3/2014	Non-Def	-	0.0%	4	0.0%	-	0.0%	-	0.0%	-	0.0%	4	0.0%	
LAKE	BM2919698	y MARC GLASSMAN, INC	CHAIN PHARMACY	DBA MARCS	MADISON	4/1/2006	1/20/2006	Non-Def	1,000	0.0%	4	0.0%	800	0.0%	3	0.0%	1,000	0.0%	4	0.0%	
LAKE	AW2876297	WILEY, WAYNE R DDS	PRACTITIONER	6052 ANDREWS RD	MENTOR-ON-THE-TH	7/10/2006	5/21/2007	Non-Def	600	0.0%	4	0.0%	600	0.0%	4	0.0%	600	0.0%	4	0.0%	
LAKE	AS7805996	SALERNO, KENNETH MICHAEL DDS	PRACTITIONER	9930 JOHNNYCAKE RIDGE RD 1F	CONCORD	1/19/2006	11/25/2013	Non-Def	500	0.0%	3	0.0%	500	0.0%	3	0.0%	500	0.0%	3	0.0%	
LAKE	BM4334265	MURRAY, JAMES SCOTT DVM	PRACTITIONER	2735 SOM CENTER ROAD	WILLOUGHBY HIL	10/28/2006	1/19/2010	Non-Def	1,100	0.0%	24	0.0%	1,100	0.0%	3	0.0%	1,100	0.0%	3	0.0%	
LAKE	AH7777127	HUSSAINI, SYED AJIAZ MD	PRACTITIONER	5542 FOREST GLEN	MADISON	10/27/2006	2/26/2007	Non-Def	700	0.0%	3	0.0%	600	0.0%	3	0.0%	700	0.0%	3	0.0%	
LAKE	AS3239301	SALAMON, SAMUEL M MD	PRACTITIONER	35010 CHARDON ROAD	WILLOUGHBY HIL	12/2/2011	7/31/2013	Non-Def	500	0.0%	3	0.0%	500	0.0%	3	0.0%	500	0.0%	3	0.0%	
LAKE	BC1764910	y DIABETIC CARE SERVICES & PHARMACY	RETAIL PHARMACY	34099 MELINZ PARKWAY	EASTLAKE	1/24/2008	9/16/2008	Non-Def	800	0.0%	3	0.0%	500	0.0%	2	0.0%	800	0.0%	3	0.0%	
LAKE	AS6362723	SCHWARTZ, BRUCE D DDS	PRACTITIONER	34950 CHARDON ROAD	WILLOUGHBY HIL	1/16/2006	10/6/2006	Non-Def	400	0.0%	2	0.0%	400	0.0%	2	0.0%	400	0.0%	2	0.0%	
LAKE	AD2953912	DORADO, GAPIN P MD	PRACTITIONER	7956 TYLER BLVD	MENTOR	4/3/2006	10/23/2012	Non-Def	140	0.0%	2	0.0%	120	0.0%	2	0.0%	140	0.0%	2	0.0%	
LAKE	BE8720080	y EASTSIDE IMAGING CENTER	HOSPITAL/CLINIC	2785 SOM CENTER ROAD	WILLOUGHBY HIL	2/3/2006	12/11/2013	Non-Def	-	0.0%	2	0.0%	-	0.0%	-	0.0%	-	0.0%	2	0.0%	
LAKE	BL0459099	HAYEK, FATHALLAH MD	PRACTITIONER	6270 N RIDGE ROAD	MADISON	4/17/2006	10/21/2008	Non-Def	6	0.0%	2	0.0%	6	0.0%	2	0.0%	6	0.0%	2	0.0%	
LAKE	BF0925424	FRUMKEER, LOREN E DDS	PRACTITIONER	4212 STATE ROUTE 306	WILLOUGHBY	3/16/2011	3/16/2011	Non-Def	500	0.0%	2	0.0%	500	0.0%	2	0.0%	500	0.0%	2	0.0%	
LAKE	BM3726479	MCCLAREN, CAROLE LYNN DVM	PRACTITIONER	MENTOR ANIMAL HOSPITAL	MENTOR	1/20/2006	12/15/2014	Non-Def	400	0.0%	43	0.0%	400	0.0%	1	0.0%	400	0.0%	1	0.0%	
LAKE	BJ9274933	JURIGA, BRIAN J(DO)	PRACTITIONER	8655 MARKET STREET	MENTOR	12/16/2006	1/9/2013	Non-Def	290	0.0%	1	0.0%	290	0.0%	1	0.0%	290	0.0%	1	0.0%	
LAKE	BL1351129	LOUIS, GREGORY J MD	PRACTITIONER	35010 CHARDON ROAD	WILLOUGHBY HIL	12/5/2006	12/5/2006	Non-Def	200	0.0%	1	0.0%	200	0.0%	1	0.0%	200	0.0%	1	0.0%	
LAKE	BS1618552	WHALEY, KELLY	PRACTITIONER	7657 ELLINGTON PLACE	MENTOR	12/3/2007	6/23/2014	Non-Def	200	0.0%	1	0.0%	200	0.0%	1	0.0%	200	0.0%	1	0.0%	
LAKE	FG0706703	GUNDELLY, RAHUL K DVM	PRACTITIONER	30550 EUCLID AVENUE	WICKLIFFE	2/27/2009	12/12/2014	Non-Def	200	0.0%	3	0.0%	200	0.0%	1	0.0%	200	0.0%	1	0.0%	
LAKE	FR2245652	ROSS, CORRINE ELIZABETH	PRACTITIONER	36751 EUCLID AV	WILLOUGHBY	12/27/2010	11/15/2014	Non-Def	200	0.0%	8	0.0%	200	0.0%	1	0.0%	200	0.0%	1	0.0%	
LAKE	AC2945030	COCHRAN, BERTRAM HUGHES MD	PRACTITIONER	8224 MENTOR AVENUE	MENTOR	4/3/2006	11/5/2007	Non-Def	9	0.0%	1	0.0%	9	0.0%	1	0.0%	9	0.0%	1	0.0%	
LAKE	AS2928414	SCHEKNER, MARC H DDS																			

Buyer County	Buyer DEA No	Pharmacy, Clinic, Hospital Location	Buyer Name	Buyer Bus Act	Buyer Address 1	Buyer City	Min Txn Date	Max Txn Date	Non Def	Total ARCOS Dosage Units	% of Total ARCOS Dosage Units	Total ARCOS MME	% of Total ARCOS MME	Total Oxycodeine and Hydrocodone Dosage Units	% of Oxycodeine and Hydrocodone ARCOS Dosage Units	Total Oxycodeine and Hydrocodone MME	% of Total Oxycodeine and Hydrocodone MME	Total ARCOS Dosage Units (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs Dosage Units	Total ARCOS MME (Excl. Buprenorphine & Methadone)	% of Total ARCOS 12 Drugs MME
LAKE	AH2868454	HERMAN, ROBERT	PRACTITIONER	29804 LAKESHORE BLVD	WILLOUGHBY	1/3/2012	8/30/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.0%	0	0.0%	
LAKE	AM7373632	MACDOUGALL, ROBERT LEWIS MD	PRACTITIONER	1223 MENTOR AVENUE	PAINESVILLE	4/17/2006	10/15/2007	Non-Def	1	0.0%	0	0.0%	-	0.0%	0	0.0%	1	0.0%	0	0.0%	
LAKE	ED0977491	DAREJEH, AFSANEH	PRACTITIONER	29804 LAKESHORE BLVD	WILLOUGHBY	1/3/2012	3/8/2012	Non-Def	20	0.0%	0	0.0%	20	0.0%	0	0.0%	-	0.0%	0	0.0%	
LAKE	BK6289993	KESSLER, JOSEPH JOHN JR MD	PRACTITIONER	LAKE HEALTH PHYSICIAN GROUP	MADISON	12/4/2006	11/27/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.0%	0	0.0%	
LAKE	AW1779442	WAXMAN, HOWARD M DPM	PRACTITIONER	35000 CHARDON RD	WILLOUGHBY HILL	10/24/2006	10/24/2006	Non-Def	20	0.0%	0	0.0%	-	0.0%	-	0.0%	20	0.0%	0	0.0%	
LAKE	BD4987903	DE LEON, GLADYS G DPM	PRACTITIONER	7482 CENTER ST	MENTOR	9/18/2006	9/18/2006	Non-Def	20	0.0%	0	0.0%	-	0.0%	-	0.0%	20	0.0%	0	0.0%	
LAKE	FS2381399	SCHNEIDER, CRYSTAL	PRACTITIONER	7223 CENTER STREET	MENTOR	6/7/2006	6/7/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BD3702900	DAVIS, LISA A MD	PRACTITIONER	26100 EUCLID AVENUE	WILLOUGHBY	12/10/2013	12/10/2013	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BS8173697	SHETH, NEHA N MD	PRACTITIONER	4212 STATE ROUTE 306	WILLOUGHBY	6/26/2006	12/4/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	0	0.0%	-	0.0%	0	0.0%	
LAKE	FW0699439	WEBER, MARREN JESSIE DO	PRACTITIONER	PALADINA HEALTH	MENTOR	6/14/2010	12/6/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	FK1958442	KELLER, JULIE C M.D.	PRACTITIONER	7500 AUBURN ROAD	CONCORD	6/6/2012	7/10/2014	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	AS7702120	STABLER, GARY LOWELL DO	PRACTITIONER	30091 DOROTHY DRIVE	WICKLIFFE	3/2/2012	5/10/2012	Non-Def	10	0.0%	0	0.0%	10	0.0%	0	0.0%	10	0.0%	0	0.0%	
LAKE	BL5922213	LELE, SHREENIWAIS MD	PRACTITIONER	90000 MENTOR AVENUE	MENTOR	10/25/2011	10/25/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	MN0812556	NAWRACKI, COLLEEN NP	MLP-NURSE PRACTITIO	36100 EUCLID AVE	WILLOUGHBY	11/9/2011	11/9/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BA4711429	ARCHACKI, STEPHEN RAYMOND MD	PRACTITIONER	WILLOUGHBY HILLS PLAZA 8	WILLOUGHBY HILL	12/28/2011	12/28/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BB2278857	BERTSCH, JOHN	PRACTITIONER	34500 CHARDON ROAD	WILLOUGHBY	11/10/2011	11/10/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BT2253653	TAWNEY, KATHRYN M MD	PRACTITIONER	35040 CHARDON RD.	WILLOUGHBY	12/28/2011	12/28/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BH3667675	HO, WINSTON, MD	PRACTITIONER	38429 LAKESHORE BLVD.	WILLOUGHBY	2/16/2012	2/16/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	AP2951665	PAZIRANDEH, M MD	PRACTITIONER	7500 AUBURN ROAD	CONCORD	12/28/2011	12/28/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BS9036852	SKUGOR, BLAZENKA	PRACTITIONER	2570 SOM CENTER RD	WILLOUGHBY HILL	1/9/2013	1/9/2013	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	AW3083893	WALDBAUM, BASIL MD	PRACTITIONER	8300 TYLER BLVD	MENTOR	2/16/2012	2/16/2012	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	AC6941252	CHIANG, MINGHUEI MD	PRACTITIONER	36001 EUCLID AVE B-4	WILLOUGHBY	11/1/2011	11/1/2011	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BJ8000921	JENNINGS, MATTHEW SCOTT	PRACTITIONER	0485 MENTOR AVENUE	MENTOR	10/22/2007	10/22/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BH3617593	HENG, JULIA A MD	PRACTITIONER	6270 NORTH RIDGE ROAD	MADISON	10/22/2007	10/22/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BS9473428	SIDARI, BJ	PRACTITIONER	10815 ELLISON CREEK DRIVE	CONCORD TWP	11/10/2009	3/22/2010	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BS23434900	SCHWARTZ, RANDALL S MD	PRACTITIONER	36100 EUCLID AVENUE	WILLOUGHBY	11/15/2007	12/6/2007	Non-Def	1	0.0%	0	0.0%	-	0.0%	0	0.0%	1	0.0%	0	0.0%	
LAKE	BL2379015	BRINKMAN, ANGELA LOIACONO DO	PRACTITIONER	29804 LAKESHORE BLVD	WILLOWICK	9/24/2007	10/1/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BB4313879	BECH, GLENN E DO	PRACTITIONER	470 BACON ROAD	PAINESVILLE	9/24/2007	10/1/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	AH1306275	HUFF, RANDAL N DO	PRACTITIONER	7200 CENTER STREET	MENTOR	8/28/2006	8/28/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BB1634523	ERTEL, JOY B MD	PRACTITIONER	9000 MENTOR AVENUE	MENTOR	4/3/2006	4/3/2006	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	AD8932673	DEFENSOR, EMOLYN M MD	PRACTITIONER	2542 FOREST GLEN	MADISON	11/19/2007	11/19/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BK2075605	KOUSA, H JOSEPH MD	PRACTITIONER	0485 MENTOR AVENUE	MENTOR	2/26/2007	2/26/2007	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	0	0.0%	
LAKE	BF4866868	FAKULT, SANDRA M MD	PRACTITIONER	3900 BEN HUR AVENUE	WILLOUGHBY	7/5/2006	7/5/2006	Non-Def	2	0.0%	0	0.0%	-	0.0%	-	0.0%	2	0.0%	0	0.0%	
LAKE	AG8819421	ABRIANI, DANUTE E DDS,INC	PRACTITIONER	37241 EUCLID AVE	WILLOUGHBY	1/24/2007	1/24/2007	Non-Def	24	0.0%	0	0.0%	-	0.0%	-	0.0%	24	0.0%	0	0.0%	
LAKE	AM7129578	MARTIN, RUTH S MD	PRACTITIONER-DW/30	BEACONHEALTH	MENTOR	12/4/2006	6/29/2010	Non-Def	5,910	0.0%	814	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	BA9771785	AJIT, SARBJOT S	PRACTITIONER-DW/30	INNOVATIVE MENTAL HEALTH	MADISON	2/17/2010	6/15/2010	Non-Def	720	0.0%	151	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	BB3279747	BUDZ, RONALD J DVM	PRACTITIONER	28716 CHARDON RD	WILLOUGHBY HILL	3/4/2006	10/6/2014	Non-Def	-	0.0%	21	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	FS4322525	SLOBODY, ROBERT J DVM	PRACTITIONER	36751 EUCLID AVENUE	WILLOUGHBY	3/20/2014	11/25/2014	Non-Def	-	0.0%	4	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	FS3418488	SANGENA BOVINA, RAJAKUMARI	PRACTITIONER	36395 EUCLID AVE	WILLOUGHBY	11/24/2012	7/12/2014	Non-Def	-	0.0%	3	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	FP0858728	PODOJIL, KASIM M (DVM)	PRACTITIONER	LAKE HUMANE SOCIETY	MENTOR	8/31/2010	2/11/2014	Non-Def	-	0.0%	3	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	MC1367398	CAROLINE'S KIDS PET RESCUE	MLP-ANIMAL SHELTER	7394 MORLEY RD.	CONCORD TWP.	10/21/2008	10/9/2012	Non-Def	-	0.0%	1	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	AM5218385	MCCASLIN, RUTHANNE LYONS DVM	PRACTITIONER	2761 LAKESHORE BLVD	MENTOR-ON-THE-HILL	3/1/2007	8/25/2009	Non-Def	-	0.0%	1	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	BM8249953	MCCLAREN, CAROLE L DVM	PRACTITIONER	LAKE COUNTY HUMANE SOCIETY	MENTOR	7/1/2007	7/13/2007	Non-Def	-	0.0%	1	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	BP1060588	PERCIVAL, JOEL W DVM	PRACTITIONER	KIRTLAND VET HOSP LLC	KIRTLAND	11/7/2011	11/21/2014	Non-Def	-	0.0%	1	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	
LAKE	FL4917526	LUSKO, STEFANIE DVM	PRACTITIONER	BANFIELD PET HOSPITAL # 0526	WILLOUGHBY	12/19/2014	12/19/2014	Non-Def	-	0.0%	0	0.0%	-	0.0%	-	0.0%	-	0.0%	-	0.0%	

[1] Source: McCann's adjusted ARCOS data (2006 - 2014); provided at CT3 Production 4.16.2012 - 2>Data Comparison\input\processed\ARCOS\CT3_Processed.csv

[2] Use of McCann's adjusted ARCOS data does not reflect acceptance of adjustments or calculations

[3] Highlighted Stores are Non-Defendants

Buyer DEA No. BW9381093 appears twice in ARCOS